

Date: Wednesday, 29/10/2008 4:20:13 PM
 User: Julie Dawson

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : SKID TUBE ASSEMBLY
 Job Number : 43080
 Estimate Number : 10023
 P.O. Number : Part Number : D205634041
 This Issue : 29/10/2008 S.O. No. : Drawing Number : D2580 REV D
 Prsht Rev. : NC Project Number : N/A
 First Issue : / / Type : SKIDTUBES Drawing Revision : D
 Previous Run : 42334A Material :
 Written By : Due Date : 10/11/2008 Qty: 1 Um: Each
 Checked & Approved By : JUD 08.10.30
 Comment : Est Rev:N 02.08.28 FP was QC5 in Step 27; Added QC5 to Step 30 KJ
 Est Rev: O 06.02.28 Added paperwork EC
 Est Rev:P 07-07-09 SS Wearplates & Gaskets JLM

Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 DC DOCUMENT CONTROL



JUD 08.11.19



Comment: DOCUMENT CONTROL

Photocopy D205-634 bluefile & type labels per PPP D205-634-041 CHG002

2.0 D25001190 Ext'n -I' Beam Tube 4"



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D2500-1-190 Skid Tube Extrusion B-40150

AWM 8-11-03

3.0 D2596 Web, 205 Skidtube



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty Part Number Description Batch

1 D2596 205 Web 73106

AWM 8-11-04

4.0 SKIDTUBES 1 SKIDTUBESS RESOURCE 1



Comment: LANDING GEAR RESOURCE 1

1-Inspect mat'l D2500-1-190 for damage

2-Cut D2500-1-190 per Dwg D2580 if necessary Debur ends

3-Acid etch and Alodine tube per QSI 005 4.1

AWM 8-11-03

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Drawing Name: SKID TUBE ASSEMBLY

Job Number: 43080

Part Number: D205634041

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

D H 3-14-3

6.0

SKIDTUBES 1

SKIDTUBESS RESOURCE 1



Comment: LANDING GEAR RESOURCE 1

1-Drill pilot holes using drill jig DT 8149(Do not use cutting fluid)

2-Open holes to 0.500" as per Dwg D2580without cutting fluid

3-Countersink holes as per Dwg D2580without cutting fluid

4-Deburr and blow out all chips from inside of tube

5-Bond web in place per QSI 015. Allow 12 Hrs. cure time before cutting

Pick:

Qty	Part Number	Description	Batch
A/R	Sikaflex-291	M109449	

Sikaflex expire date:

Start Time: 11:21

Date:

8-11-30

Fin Time: 7:00

Date:

8-11-08

AvM
8-11-04

7.0

BENDING

BENDING MACHINE - SKIDTUBES



Comment: BENDING MACHINE

1-Bend as per program D2580.C on CNC Bender and Folio FT009

2-Cut tubes as per Dwg. D2580

RT 08-01-05

8.0

SKIDTUBES 1

SKIDTUBESS RESOURCE 1



Comment: LANDING GEAR RESOURCE 1

1-Deburr ends

2-Prepare tube for welding, remove alodine as required.

Jb 8-11-5

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
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Drawing Name: SKID TUBE ASSEMBLY

Job Number: 43080

Part Number: D205634041

Job Number:



Seq. #:

Machine Or Operation:

Description :

9.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

BE 08/11/06

10.0

D25763

Step (maching detail)



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

Pick:

Qty	Part Number	Description	Batch
1	D2576-3	Step	<i>238392</i>

BE 08/11/06

11.0

D2579

Crossbolt Spacer



Comment: Qty.: 20.0000 Each(s)/Unit Total : 20.0000 Each(s)

Pick:

Qty	Part Number	Description	Batch
20	D2579	Spacers	<i>B 41432</i>

JD 8-11-5

12.0

SKIDTUBES 1

SKIDTUBESS RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

2-Weld step D2576 as per Dwg. D2580 and QSI 004

A/R

Aluminum Rod

m109213 BE 08/11/06

3-Weld crossbolt spacers D2579 as per Dwg. D2580 and QSI 004.

For D2579 spacers, weld one side, pass 3/8" drill, weld other side, pass 3/8" drill

A/R

Aluminum Rod

m109213 BE 08/11/06

4-Grind welds as per Dwg D2580 Grind flush ridge made from bending

5-Drill holes for wearplates using DT 8217 & DT8937 Open holes to 19/64", adjust stopper not to hit web. Deburr

6-Counterbore crossbolt spacers to 7/16" ID x 1.0" deep as per Dwg D2580. Deburr holes

7-Drill pilot holes for aft cap using DT 8215 Open holes to 0.208". Deburr

8-Drill pilot holes for Tow ring using DT8091, open to .640" and Deburr

JD 8-11-7

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Drawing Name: SKID TUBE ASSEMBLY

Job Number: 43080

Part Number: D205634041

Job Number:



Seq. #:

Machine Or Operation:

Description :

13.0

QC10

VISUAL INSPECTION OF GROUND WELDS



Comment: VISUAL INSPECTION OF GROUND WELDS

Job 11.07.0

14.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

Job 11.07.0

15.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Pressure wash as per QSI 005

FD 08/11/12

16.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

START TIME:

OVEN TEMPERATURE:

FINISH TIME:

3:00
320°F
3:30

m-h 08/11/12

(1X)

17.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

08.11.13

(X)

18.0

D2855

Cap



Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Cap

Batch:

B41340

HL

19.0

AN35A

Bolt



Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s)

Bolt

Batch:

M100188

HL

08-11-13

(X)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Drawing Name: SKID TUBE ASSEMBLY

Job Number: 43080

Part Number: D205634041

Job Number:



Seq. #: Machine Or Operation: Description :

20.0 AN960JD10L Washer



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

Washer

Batch: M105793 JV

21.0 ALS71032130 Insert



Comment: Qty.: 50.0000 Each(s)/Unit Total : 50.0000 Each(s)

Insert

Batch: M105819 * JV

22.0 AN3C4A BOLT



Comment: Qty.: 50.0000 Each(s)/Unit Total : 50.0000 Each(s)

BOLT

Batch: M109431 JV

23.0 AN960C10L washer



Comment: Qty.: 50.0000 Each(s)/Unit Total : 50.0000 Each(s)

washer

Batch: M109752 JV

24.0 D356613 Gasket



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

GASKET

Batch: 1341862 JV

25.0 D35665 Gasket



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

GASKET

Batch: 1341867 JV

26.0 D35661 Gasket



Comment: Qty.: 2.0000 Each(s)/Unit Total : 2.0000 Each(s)

GASKET

Batch: 1342237 JV

08-11-13

(X)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
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Drawing Name: SKID TUBE ASSEMBLY

Job Number: 43080

Part Number: D205634041

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

27.0	D356413	Wearshoe
------	---------	----------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

WEARSHOE

Batch: B41933

JU

28.0	D356411	Wearshoe
------	---------	----------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

WEARSHOE

Batch: B413192

JU

29.0	D35649	Wearshoe
------	--------	----------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

WEARSHOE

Batch: B42258

JU

30.0	D35645	Wearshoe
------	--------	----------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 1.0000 Each(s)

WEARSHOE

Batch: B42236

JU

31.0	D25943	O-Ring, 205 Skidtube
------	--------	----------------------



Comment: Qty.: 16.0000 Each(s)/Unit Total : 16.0000 Each(s)

O-Ring

Batch: B29908

JU

32.0	D25941	Plug, 205 Skidtube
------	--------	--------------------



Comment: Qty.: 16.0000 Each(s)/Unit Total : 16.0000 Each(s)

Plug

Batch: B40153

JU

33.0	HAND FINISHING1	HAND FINISHING RESOURCE #1
------	-----------------	----------------------------



Comment: HAND FINISHING RESOURCE #1

1-Install inserts & wearplates & Gaskets as per Dwg. D2580. Use a drop of Sikaflex on insert holes before installing wearplates

A/R Sikaflex-291 M109419

JU

08-11-13

OK

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Process Sheet

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Drawing Name: SKID TUBE ASSEMBLY

Job Number: 43080

Part Number: D205634041

Job Number:



Seq. #:

Machine Or Operation:

Description :

Sikaflex expire date: 08/11

2-Coat D2594-3 O' rings with Petroleum Jelly and install on D2594-1 plugs as per Dwg D2580

3-Inspect for foreign object per QSI 024

4-Install 2855 Aft Cap as per Dwg D2580 and seal Fwd Step & Aft Cap with Sikaflex. Clean excess adhesive

A/R Sikaflex-291

M109449

Sikaflex expire date: 08/11

JS 08-11-13 (1)

5-Wing Walk as per Dwg D2580 and QSI 005 4.4

Batch:

M109219

M-1

08/11/13 (12)

34.0

QC5

INSPECT WORK TO CURRENT STEP



S 08/11/13 (1)



Comment: Inspect Aft Cap, Fwd Step and Wing Walk of work to Current Step Inspect for Foreign objects per QSI 024

35.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D205-634-041

Location:

PPP Rev:

F

08/11/13 (1)

36.0

QC21

FINAL INSPECTION/W/O RELEASE



08/11/13 (1)

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



MF 08-11-20

B 43080

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action		Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

NOTE: Date & initial all entries

DART

DESIGN #	DRAWN BY PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D2580	REV. D SHEET 1 OF 3
DATE 07.02.27		TITLE 205 SKIDTUBE ASSEMBLY	SCALE NTS
A	96.09.16	NEW ISSUE	
B	96.12.02	AS MANUFACTURED	
C	98.08.26	REDRAWN, INCLUDED DEO 9094/9097	
D	07.02.27	CHANGE TO SS WEARPLATES AND GASKETS, INCLUDE DEO 9124/9183	

RELEASED
07.06.28 #

QTY -041	QTY -045	Part Number	Description
X		D2580-041	SKIDTUBE ASSEMBLY
	X	D2580-045	SKIDTUBE ASSEMBLY
1	1	D2500-1-190	EXTRUSION
1	1	D2576-3	STEP
20	24	D2579	CROSS BOLT SPACER
16	16	D2594-1	PLUG
16	16	D2594-3	O-RING
1	1	D2596	205 WEB
1	1	D2855	AFT CAP
1	1	D3564-5	WEARSHOE
1	1	D3564-9	WEARSHOE
1	1	D3564-11	WEARSHOE
1	1	D3564-13	WEARSHOE
2	2	D3566-1	GASKET
1	1	D3566-5	GASKET
1	1	D3566-13	GASKET
50	50	ALS7-1032-130 or AKS7-1032-130 or AKS4-1032-130 or AELS-1032-130	INSERT
50	50	AN3C4A	BOLT
2	2	AN3-5A	BOLT
50	50	AN960C10L	WASHER
2	2	AN960JD10L	WASHER

GENERAL NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) INSERT D2596 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241 ADHESIVE PER DART QSI 015 BEFORE BENDING. ENSURE HOLES LINE-UP.
- 4) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 60 AND ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 5) USE DART DRILL TEMPLATE TD2577-205 TO LOCATE AND DRILL Ø0.297 HOLES FOR WEARSHOE INSERTS. INSTALL ALS7-1032-130 PER SECTION D-D (50 PLACES) AFTER FINISH. INSTALL AN3C4A BOLTS AND AN960C10L WASHERS WITH SIKAFLEX-241/-291.
- 6) WELDING TO BE DONE PER DART QSI 004.
- 7) FINISH:
SEE NOTES ON
PAGE 2 FOR D2580-041 AND
PAGE 3 FOR D2580-045
- 8) INSERT D2594-1 PLUG C/W D2594-3 O-RING IN HOLES MARKED 'P' (BOTH SIDES OF TUBE) AFTER FINISH (16 PLACES).

SHOP COPY
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WORK ORDER
NO. 43080

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RELEASED
07-06-28

Diagram illustrating the grinding locations on a propeller cross-section:

- GRIND FLUSH (4 PLACES)
- GRIND FLUSH
- D2576-3 STEP
- LOCATION RIDGE ON UNDERSIDE OF D2576
- $\frac{1}{16}$

Technical drawing of a circular component with a central hole and a rectangular slot. The drawing includes the following labels and dimensions:

- DRILL PRIOR TO D2855 CAP INSTALLATION (2 PLACES)**: Points to two locations on the outer edge of the component.
- Ø0.208**: Dimension of the central hole.
- D2855 CAP**: Points to the central hole.
- AN3-SA BOLT (1)**: Points to the bolt passing through the central hole.
- AN960J10L WASHER (1)**: Points to the washer under the bolt.
- (2 PLACES)**: Points to two locations on the outer edge of the component.
- SEAL WITH SIKAFLEX-241/-291**: Points to the rectangular slot.
- 0.40**: Dimension of the slot width.

5

D2579 SPACER

D2596 WEB (REF)

ALS7-1032-130 (REF)
(TYP 50 PLACES)

AFTER DRILLING AND BENDING ASSEMBLY PERFORM THE FOLLOWING FOR Ø0.508 HOLES ONLY:

1. CHAMFER HOLE 0.050 X 45°
2. INSERT D2579 SPACER (20 PLACES)
3. WELD INTO PLACE AND GRIND FLUSH
4. C'BORE D2579 SPACER TO Ø0.437 X 1.00 DEEP

i) FINISH: AGID ETCH, ALODINE PER DART QSI 005 4.1 PRIOR TO INSERTING D2596 WEB POWDER COAT ASSEMBLY GLOSS WHITE (REF. 4.3.5.1) PER DART QSI 005 4.3 BLACK ANTI-SKID PAINT AS INDICATED PER DART QSI 005 4.4

37.50
DISTANCE TO AFT END
OF D2596 WEB

3
7

1.750 1.750

#0.508 (TYP.)
(40 PLACES)

REFER TO DETAIL A

8.750

17.375

26.000

34.188

57.313 (REF)
7 EQUAL SPACES
8.188 PITCH

38.0

91.500

190.0
(D2500-1)

REFER TO DETAIL A

1.4

4

1.0

DISTANCE BETWEEN HOLE AND TANGENT POINT

13.4

20.0

4

11.0

1.0

DISTANCE BETWEEN HOLE AND TANGENT POINT

32.0 ± 1.0

Ø0.640

WELD AS PER DETAIL B

BLACK ANTI-SKID TO 0.5 ABOVE LOCATION RIDGE

BLACK ANTI-SKID TOP OF STEP TO 0.5 ABOVE BOTTOM EDGE

0.5 1.5 1.5 D

8

P P P P P P P

REFER TO DETAIL C

D3566-1 D3566-5 D3566-1 D3566-13





D3564-11 D3564-5 D3564-9 D3564-13


AN304A BOLT (1)
AN560C10L WASHER (1)
(50 PLACES)

DESIGN J DRAWN BY

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DESIGN		DRAWN BY	
CHECKED		APPROVED	
DATE			
07.02.27			

 DART AEROSPACE LTD. MARKHAM, ONTARIO, CANADA	
DRAWING NO.	REV. D
D2580	SHEET 2 OF 3
TITLE	SCALE
205 SKIDTUBE ASSEMBLY	1:24

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43080

Diagram of a circular cross-section of a pipe with four vertical stiffeners. The stiffeners are spaced 3.500 units apart. The distance from the centerline to the outer edge of the stiffeners is 1.750 units.

Diagram illustrating the grinding locations for the propeller cross-section:

- GRIND FLUSH (4 PLACES)
- GRIND FLUSH
- D2576-3 STEP
- LOCATION RIDGE ON UNDERSIDE OF D2576
- GRIND FLUSH

RELEASED
07-06-28

Diagram illustrating the rear view of the cap assembly. The diagram shows the cap with a central hole and a surrounding seal. The following components and locations are labeled:

- DRILL PRIOR TO D2855 CAP INSTALLATION (2 PLACES)
- SEAL WITH SIKAFLEX-241/-291
- AN3-5A BOLT (1)
- AN960JD10L WASHER (1) (2 PLACES)
- D2855 CAP
- SEE NOTE ii)

D2579 SPACER

WEB (REF)

130 (REF)
10 PLACES)

AFTER PERFORM

1. CH...
2. INS...
3. WE...
4. C'E...

AFTER DRILLING AND BENDING ASSEMBLY
PERFORM THE FOLLOWING FOR #0.508 HOLES ONLY:

1. CHAMFER HOLE 0.050 X 45°
2. INSERT D2579 SPACER (20 PLACES)
3. WELD INTO PLACE AND GRIND FLUSH
4. C'BORE D2579 SPACER TO #0.437 X 1.00 DEEP

i) FINISH: ACID ETCH, ALODINE PER DART QSI 005 4.1 PRIOR TO INSERTING D2596 WEB
POWDER COAT ENTIRE ASSEMBLY GREEN (REF. 4.3.5.8) PER DART QSI 005 4.3
BLACK ANTI-SKID PAINT AS INDICATED PER DART QSI 005 4.4

ii) IT IS ACCEPTABLE TO GRIND A RELIEF IN THE D2855, AFT CAP TO PREVENT INTERFERENCE
WITH THE SPACER AT THIS LOCATION

37.50
DISTANCE TO AFT END
OF D2596 WEB

3
7

1.750 1.750

0.508 (TYP.)
(40 PLACES)

REFER TO DETAIL E

REFER TO DETAIL A

8.750

17.375

26.000

34.188

57.313 (REF)
7 EQUAL SPACES
8.188 PITCH

38.0

91.500

190.0
(D2500-1)

(MAKE FROM D2580-1 DRILLING DETAIL)

Technical drawing of a curved bridge deck cross-section. The drawing shows a curved profile with various dimensions and callouts. Key dimensions include:

- Overall width: 51.340
- Distance from left edge to centerline: 5.338 (REF)
- Distance from centerline to right edge: 39.580
- Distance from left edge to hole center: 5.985
- Distance from hole center to right edge: 5.915
- Hole diameter: $\phi 0.508$ (8 PLACES)
- Radius of curvature: $\phi 0.640$
- Distance between hole and tangent point: 1.0
- Distance from left edge to tangent point: 13.4
- Distance from right edge to tangent point: 32.0 ± 1.0
- Vertical offset: 1.4
- Vertical offset at right edge: 11.0
- Callout 4: Points to the hole and the radius of curvature.

[illegible]

AN3C4A BOLT (1)
AN960C10L WASHER (1)
(50 PLACES)

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DESIGN

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DATE _____

07.02.27

DRAWN BY

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DART

	DRAWING NO.

02580

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	INITIALS
1/1/78	DEPOSIT	100.00			
1/15/78	PAYROLL	50.00	101		
2/1/78	DEPOSIT	150.00			
2/15/78	PAYROLL	75.00	102		
3/1/78	DEPOSIT	200.00			
3/15/78	PAYROLL	100.00	103		
4/1/78	DEPOSIT	250.00			
4/15/78	PAYROLL	125.00	104		
5/1/78	DEPOSIT	300.00			
5/15/78	PAYROLL	150.00	105		
6/1/78	DEPOSIT	350.00			
6/15/78	PAYROLL	175.00	106		
7/1/78	DEPOSIT	400.00			
7/15/78	PAYROLL	200.00	107		
8/1/78	DEPOSIT	450.00			
8/15/78	PAYROLL	225.00	108		
9/1/78	DEPOSIT	500.00			
9/15/78	PAYROLL	250.00	109		
10/1/78	DEPOSIT	550.00			
10/15/78	PAYROLL	275.00	110		
11/1/78	DEPOSIT	600.00			
11/15/78	PAYROLL	300.00	111		
12/1/78	DEPOSIT	650.00			
12/15/78	PAYROLL	325.00	112		
1/1/79	DEPOSIT	700.00			
1/15/79	PAYROLL	350.00	113		
2/1/79	DEPOSIT	750.00			
2/15/79	PAYROLL	375.00	114		
3/1/79	DEPOSIT	800.00			
3/15/79	PAYROLL	400.00	115		
4/1/79	DEPOSIT	850.00			
4/15/79	PAYROLL	425.00	116		
5/1/79	DEPOSIT	900.00			
5/15/79	PAYROLL	450.00	117		
6/1/79	DEPOSIT	950.00			
6/15/79	PAYROLL	475.00	118		
7/1/79	DEPOSIT	1000.00			
7/15/79	PAYROLL	500.00	119		
8/1/79	DEPOSIT	1050.00			
8/15/79	PAYROLL	525.00	120		
9/1/79	DEPOSIT	1100.00			
9/15/79	PAYROLL	550.00	121		
10/1/79	DEPOSIT	1150.00			
10/15/79	PAYROLL	575.00	122		
11/1/79	DEPOSIT	1200.00			
11/15/79	PAYROLL	600.00	123		
12/1/79	DEPOSIT	1250.00			
12/15/79	PAYROLL	625.00	124		
1/1/80	DEPOSIT	1300.00			
1/15/80	PAYROLL	650.00	125		
2/1/80	DEPOSIT	1350.00			
2/15/80	PAYROLL	675.00	126		
3/1/80	DEPOSIT	1400.00			
3/15/80	PAYROLL	700.00	127		
4/1/80	DEPOSIT	1450.00			
4/15/80	PAYROLL	725.00	128		
5/1/80	DEPOSIT	1500.00			
5/15/80	PAYROLL	750.00	129		
6/1/80	DEPOSIT	1550.00			
6/15/80	PAYROLL	775.00	130		
7/1/80	DEPOSIT	1600.00			
7/15/80	PAYROLL	800.00	131		
8/1/80	DEPOSIT	1650.00			
8/15/80	PAYROLL	825.00	132		
9/1/80	DEPOSIT	1700.00			
9/15/80	PAYROLL	850.00	133		
10/1/80	DEPOSIT	1750.00			
10/15/80	PAYROLL	875.00	134		
11/1/80	DEPOSIT	1800.00			
11/15/80	PAYROLL	900.00	135		
12/1/80	DEPOSIT	1850.00			

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DART AEROSPACE LTD.
HAWKESBURY, ONTARIO, CANADA

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